



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1972

<b>SERIAL NUMBER</b> 07/628,440	<b>FILING OR 371(c) DATE</b> 12/14/1990 <b>RULE</b>	<b>CLASS</b> 310	<b>GROUP ART UNIT</b> 2102	<b>ATTORNEY DOCKET NO.</b> 3008-33751	
<b>APPLICANTS</b> RICHARD S. KETCHAM, AMES, IA; <b>** CONTINUING DATA *****</b> <b>** FOREIGN APPLICATIONS *****</b> <div style="text-align: center;"><b>** SMALL ENTITY **</b></div>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> IA	<b>SHEETS DRAWING</b> 25	<b>TOTAL CLAIMS</b> 17	<b>INDEPENDENT CLAIMS</b> 5
<b>ADDRESS</b> 24197					
<b>TITLE</b> OPTIMIZED PIEZOELECTRIC RESONATOR-BASED NETWORKS AND ASSOCIATED METHOD					
<b>FILING FEE RECEIVED</b> 0.00	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		